



**KEY**

- EXTENT OF WORKS
- 1km 1km OFFSETS FROM EXTENT OF WORKS BOUNDARY
- ZONE OF THEORETICAL VISIBILITY COMMON TO BOTH APPROVED SCHEME WINDING TOWERS & PROPOSED D-WALL RIGS
- ZONE OF THEORETICAL VISIBILITY FOR APPROVED SCHEME WINDING TOWERS
- NORTH YORK MOORS NATIONAL PARK BOUNDARY
- HERITAGE COAST

**NORTH YORK MOORS NATIONAL PARK LANDSCAPE TYPES & AREAS**  
(From North York Moors Landscape Character Assessment, WYG, 2003)

- FOREST  
Langdale / Harwood Dale / Newton House 3(b)
- MOORLAND  
Central & Eastern Moors 1(b)
- CENTRAL VALLEY  
Lower Esk Valley 8(b)
- COAST AND COASTAL HINTERLAND  
Boulby - Whitby 4(a)  
Whitby - Cloughton 4(b)

**SCARBOROUGH BOROUGH COUNCIL LANDSCAPE CHARACTER TYPES / AREAS**  
(From Scarborough Borough Landscape Study: Volume 1 - Borough wide Landscape Character Assessment, 2013)

- LANDSCAPE CHARACTER TYPE / AREA BOUNDARY  
G1

**COASTAL CLIFFS:**  
G1 - Whitby to Sandsend  
G2 - Whitby Abbey

**COASTAL HINTERLAND:**  
D1 - Sandsend  
D2 - Whitby Abbey

**RIVER VALLEY:**  
F1 - Esk

**UPPER VALLEY SIDE:**  
H1 - Esk

**SETTLEMENT FRINGE:**  
I1 - Whitby

- Notes:**
- ZTV analysis:
  - ZTV analysis points based on approved scheme Winding Towers at 45m above finished floor level of 200.7m AOD
  - ZTV analysis points for proposed D-Wall Rigs based on tallest part of rig at 26.2m above varying finished floor levels (203.7m AOD, 203.2m AOD & 200.7m AOD depending on location of rig). The D-Wall Rigs ZTV includes 3m shaft top analysis points.
  - Existing woodlands are not included in the Digital Terrain Model.
  - Observers eye level 1.7m.
  - Extent of ZTV limited to 7km distance from analysis points
  - Analysis adjusted for earth curvature / refraction

Revision 01. 2017/07/04.  
Amended to latest construction stage details

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Project:

**WOODSMITH MINE  
SES LANDSCAPE & VISUAL ASSESSMENT**

Drawing Title:  
**ZONE OF THEORETICAL VISIBILITY - CONSTRUCTION STAGE, APPROVED WINDING TOWERS & PROPOSED D-WALL RIGS (LANDSCAPE CHARACTER & LANDSCAPE DESIGNATIONS, WITHOUT WOODLANDS)**

Drawing Number: <b>2354.MH ZTV LCA01</b>	Revision: <b>01</b>
Scale: <b>1:25,000 @ A1</b>	Date: <b>JUNE 2017</b>
Drawn: <b>MW</b>	Checked: <b>SW</b>

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